

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In repatent application of

Applicant:

Jesper B. Lind, et al.

Serial No.:

10/603,541

Filed: For:

June 25, 2003 SYSTEMS AND METHODS FOR IMPROVING COLLABORATIVE FILTERING

Art Unit:

Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: Filing Date:

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

- 2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):
 - Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
 - Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents". (b)
 - 3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):
 - Within 3 months of the filing date or date of entry into the National Stage. (a) <u>X</u>
 - (b) Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R.

	(c)	After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.			
	(1)_	The required certification is given below, or			
1	(2)	Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement.			
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	(1)_	_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or			
4.	. Certification (if applicable)				
	(a)	The undersigned hereby certifies that each item of information contained in this Statement was cit a communication from a foreign patent office in a counterpart foreign application not more the months prior to the filing of this Statement.			
(b) The undersigned hereby certifies that no item of information contained in this Statement we communication from a foreign patent office in a counterpart foreign application undersigned's knowledge after making reasonable inquiry, was known to any individual de 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.					
ın	n & Turc	Respectfully Submitted, AMIN & TUROCY, LLP By			
		cional City Center Reg. No. 47,914			

AMIN & TUROCY, LLP 24TH Floor, National City Center 1900 E. 9th Street Cleveland, Ohio 44114

CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

Date: 8-27-2003

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Compl t if Known			
Application Number	10/603,541		
Filing Date	June 25, 2003		
First Named Inventor	Jesper B. Lind		
Art Unit	Unknown		
Examiner Name	Unknown		
Attorney Docket Number	MS180583.1 / MSFTP433US		

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,154,736 US- 5,704,017 US- 6,513.026 US- 6,353,813 US- 6,601,012 US- 6,345,264 US- 6,006,218 US- 6,144,964 US- 6,018,738 US- US-	11-28-00 12-30-97 1-28-03 3-5-02 7-29-03 2-5-02 12-21-99 11-7-00 1-25-00	Chickering, et al. Heckerman, et al. Horvitz, et al. Breese, et al. Horvitz. et al. Breese, et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document Country Code3 -Number4 - Kind Code5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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of 2 Sheet

Complete if Known			
Application Number	10/603,541		
Filing Date	June 25, 2003		
First Named Inventor	Jesper B. Lind		
Group Art Unit	Unknown		
Examiner Name	Unknown		
Attorney Docket Number	MS180583.1 / MSFTP433US		

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т2		
		BRENDAN KITTS, DAVID FREED and MARTIN VRIEZE, "Cross-sell: A Fast Promotion-Tunable Customer-item Recommendation Method Based on Conditionally Independent Probabilities, 2000, 10 pgs			
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